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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☒ Declaration Submitted with Initial Filing **OR** ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	IN01154K
First Named Inventor	CHEN, et al
COMPLETE IF KNOWN	
Application Number	/
Filing Date	April 3, 2001
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MACROCYCLIC NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS
 COMPRISING N-CYCLIC P2 MOIETIES

the specification of which *(Title of the Invention)*

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) _____ as United States Application Number or PCT International

Application Number _____ and was amended on (MM/DD/YYYY) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(e) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/194,607	4/5/ 2000	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: _____

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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☒ Customer Number 24265 OR ☐ Registered practitioner(s) name/registration number listed below

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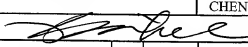
Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label 24265 OR ☐ Correspondence address below

Name	PALAIYUR S. KALYANARAMAN			Reg. No.	34634
Address					
Address					
City		State		ZIP	
Country		Telephone	(908) 298-5068	Fax	(908) 298-5388

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
KEVIN X.		CHEN	
Inventor's Signature			Date <u>03/08/01</u>
Residence: City	PISCATAWAY	State	NJ
Country	U.S.A.	Citizenship	U.S.A.
Post Office Address	35 Royal Drive, #168		
Post Office Address			
City	PISCATAWAY	State	NJ
ZIP	08854	Country	U.S.A.

☒ Additional inventors are being named on the 4 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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ADDITIONAL INVENTOR(S)
Supplemental Sheet
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Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
ASHOK				ARASAPPAN			
Inventor's Signature	<i>Ashok Arasappa</i>					Date	03/08/01
Residence: City	BRIDGEWATER	State	NJ	Country	U.S.A.	Citizenship	INDIA
Post Office Address 18 LARSEN COURT							
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
SRIKANTH				VENKATRAMAN			
Inventor's Signature	<i>S. V.</i>					Date	03/08/01
Residence: City	FORDS	State	NJ	Country	U.S.A.	Citizenship	INDIA
Post Office Address 6 TULIP DRIVE, #3H							
Post Office Address							
City	FORDS	State	NJ	ZIP	08863	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
TEJAL				PAREKH			
Inventor's Signature	<i>Tejal Parekh</i>					Date	03/07/01
Residence: City	WOODBIDGE	State	NJ	Country	U.S.A.	Citizenship	INDIA
Post Office Address 39 PIKEVIEW LANE							
Post Office Address							
City	WOODBIDGE	State	NJ	ZIP	07095	Country	U.S.A.

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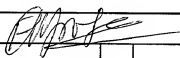
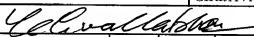
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Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])				Family Name or Surname				
HAINING				GU				
Inventor's Signature					Date			
Residence: City		MINHANG	State		Country	PEOPLES REP OF CHINA	Citizenship	CHINA
Post Office Address		558/70/303 JIANG CHUAN LOAD						
Post Office Address								
City		MINHANG SHANGHAI 200240	State		ZIP		Country	PEOPLES REP. OF CHINA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])				Family Name or Surname				
GEORGE F.				NJOROGO				
Inventor's Signature					Date		3/8/08	
Residence: City		UNION	State	NJ	Country	U.S.A.	Citizenship	KENYA
Post Office Address		2597 JULIAT PLACE						
Post Office Address								
City		UNION	State	NJ	ZIP	07083	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])				Family Name or Surname				
VIYYOOR MOOPIIL				GIRIJAVALLABHAN				
Inventor's Signature					Date		3/8/01	
Residence: City		PARSIPPANY	State	NJ	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address		10 MAPLEWOOD DRIVE						
Post Office Address								
City		PARSIPPANY	State	NJ	ZIP	07043	Country	U.S.A.

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ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
ASHIT		GANGULY	
Inventor's Signature	<i>Ashit Ganguly</i>		3/12/2001 Date
Residence: City	UPPER MONTCLAIR	State	NJ
	Country	U.S.A.	Citizenship
	U.S.A.		
Post Office Address 96 COOPER AVENUE			
Post Office Address			
City	UPPER MONTCLAIR	State	NJ
	ZIP	07043	Country
	U.S.A.		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
ANIL		SAKSENA	
Inventor's Signature	<i>Anil Saxena</i>		3/8/01 Date
Residence: City	UPPER MONTCLAIR	State	NJ
	Country	U.S.A.	Citizenship
	U.S.A.		
Post Office Address 53 BEVERLY ROAD			
Post Office Address			
City	UPPER MONTCLAIR	State	NJ
	ZIP	07043	Country
	U.S.A.		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
EDWIN		JAO	
Inventor's Signature	<i>Edwin Jao</i>		Date 3/18/01
Residence: City	WARREN	State	NJ
	Country	U.S.A.	Citizenship
	U.S.A.		
Post Office Address 20 CROSSWOOD WAY			
Post Office Address			
City	WARREN	State	NJ
	ZIP	07059	Country
	U.S.A.		

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Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
NANHUA HUGH				YAO			
Inventor's Signature		Nanhua Hugh Yao		Date		3/5/2001	
Residence: City		EDISON		State		NJ	
Country		U.S.A.		Citizenship		U.S.A.	
Post Office Address		4 TIMOTHY COURT					
Post Office Address							
City		EDISON		State		NJ	
ZIP		08837		Country		U.S.A.	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
ANDREW JOSEPH				PRONGAY			
Inventor's Signature		Andrew Prongay		Date		3/8/01	
Residence: City		STEWARTSVILLE		State		NJ	
Country		U.S.A.		Citizenship		U.S.A.	
Post Office Address		104 WILLOW GROVE ROAD					
Post Office Address							
City		STEWARTSVILLE		State		NJ	
ZIP		08886		Country		U.S.A.	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
VINCENT STEWART				MADISON			
Inventor's Signature		Vincent Stewart Madison		Date		3-8-01	
Residence: City		MOUNTAIN LAKES		State		NJ	
Country		U.S.A.		Citizenship		U.S.A.	
Post Office Address		12 RONARM DRIVE					
Post Office Address							
City		MOUNTAIN LAKES		State		NJ	
ZIP		07046		Country		U.S.A.	

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 254. **Abstract**


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ADDITIONAL INVENTOR(S)
Supplemental Sheet
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Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor																			
Given Name (first and middle (if any))										Family Name or Surname																			
BANCHHA										VIBULBHAN																			
Inventor's Signature															Date					3/8/01									
Residence: City					KENILWORTH					State		NJ			Country		U.S.A.					Citizenship			Thailand				
Post Office Address					201 NORTH 24TH STREET																								
Post Office Address																													
City					KENILWORTH					State		NJ			ZIP		07033					Country		U.S.A.					
Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor																			
Given Name (first and middle (if any))										Family Name or Surname																			
Inventor's Signature																				Date									
Residence: City										State					Country							Citizenship							
Post Office Address																													
Post Office Address																													
City										State					ZIP							Country							
Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor																			
Given Name (first and middle (if any))										Family Name or Surname																			
Inventor's Signature																				Date									
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City										State					ZIP							Country							
Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor																			
Given Name (first and middle (if any))										Family Name or Surname																			
Inventor's Signature																				Date									
Residence: City										State					Country							Citizenship							
Post Office Address																													
Post Office Address																													
City										State					ZIP							Country							

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☒ Declaration Submitted with Initial Filing **OR** ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number IN01154K

First Named Inventor CHEN, et al

COMPLETE IF KNOWN

Application Number /

Filing Date April 3, 2001

Group Art Unit To Be Assigned

Examiner Name To Be Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MACROCYCLIC NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS
COMPRISING N-CYCLIC P2 MOIETIES

the specification of which *(Title of the invention)*

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 35(b) of any foreign application(s) for patent or inventor's certificate, or 35(b) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/194,607	4/5/ 2000	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name

Signature

Date

Express Mail Label No. EL403238299US

Date April 3, 2001

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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☒ Customer Number 24265 OR ☐ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label 24265 OR ☐ Correspondence address below

Name	PALATIYUR S. KALYANARAMAN			Reg. No.	34634
Address					
Address					
City		State		ZIP	
Country		Telephone	(908) 298-5068	Fax	(908) 298-5388

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))			Family Name or Surname		
KEVIN X.			CHEN		
Inventor's Signature		Date			
Residence: City	PISCATAWAY	State	NJ	Country	U.S.A.
Post Office Address	35 Royal Drive, #168				
Post Office Address					
City	PISCATAWAY	State	NJ	ZIP	08854
		Country	U.S.A.		

☒ Additional inventors are being named on the 4 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>3</u> of <u>7</u>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
ASHOK				ARASAPPAN			
Inventor's Signature						Date	
Residence: City	BRIDGEWATER	State	NJ	Country	U.S.A.	Citizenship	INDIA
Post Office Address 18 LARSEN COURT							
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
SRIKANTH				VENKATRAMAN			
Inventor's Signature						Date	
Residence: City	FORDS	State	NJ	Country	U.S.A.	Citizenship	INDIA
Post Office Address 6 TULIP DRIVE, #3H							
Post Office Address							
City	FORDS	State	NJ	ZIP	08863	Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
TEJAL				PAREKH			
Inventor's Signature						Date	
Residence: City	WOODBIDGE	State	NJ	Country	U.S.A.	Citizenship	INDIA
Post Office Address 39 PIKEVIEW LANE							
Post Office Address							
City	WOODBIDGE	State	NJ	ZIP	07095	Country	U.S.A.

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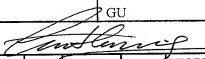


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ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 4 of 7

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
HAINING		GU	
Inventor's Signature			Date 7/8/2001
Residence: City	MINHANG	State	Country
			PEOPLES REP OF CHINA
Citizenship	CHINA		
Post Office Address 558/70/303 JIANG CHUAN LOAD			
Post Office Address			
City	MINHANG SHANGHAI 200240	State	ZIP
			Country
			PEOPLES REP OF CHINA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
GEORGE F.		NJROGE	
Inventor's Signature			Date
Residence: City	UNION	State	Country
		NJ	U.S.A.
Citizenship	KENYA		
Post Office Address 2597 JULIAT PLACE			
Post Office Address			
City	UNION	State	ZIP
		NJ	07083
		Country	U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
VIYYOOR MOOPIL		GIRIJAVALLABHAN	
Inventor's Signature			Date
Residence: City	PARSIPPANY	State	Country
		NJ	U.S.A.
Citizenship	U.S.A.		
Post Office Address 10 MAPLEWOOD DRIVE			
Post Office Address			
City	PARSIPPANY	State	ZIP
		NJ	07043
		Country	U.S.A.

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ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 5 of 7

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
ASHIT				GANGULY			
Inventor's Signature				Date			
Residence: City	UPPER MONTCLAIR	State	NJ	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address 96 COOPER AVENUE							
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
ANIL				SAKSENA			
Inventor's Signature				Date			
Residence: City	UPPER MONTCLAIR	State	NJ	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address 53 BEVERLY ROAD							
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
EDWIN				JAO			
Inventor's Signature				Date			
Residence: City	WARREN	State	NJ	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address 20 CROSSWOOD WAY							
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	U.S.A.

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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
NANHUA HUGH		YAO	
Inventor's Signature	Date		
Residence: City	IRVINE	State CA	Country U.S.A.
Post Office Address 12 SANTA LUZIA AISLE			
Post Office Address			
City	IRVINE	State CA	ZIP 92606
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
ANDREW JOSEPH		PRONGAY	
Inventor's Signature	Date		
Residence: City	STEWARTSVILLE	State NJ	Country U.S.A.
Post Office Address 104 WILLOW GROVE ROAD			
Post Office Address			
City	STEWARTSVILLE	State NJ	ZIP 08886
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
VINCENT STEWART		MADISON	
Inventor's Signature	Date		
Residence: City	MOUNTAIN LAKES	State NJ	Country U.S.A.
Post Office Address 12 RONARM DRIVE			
Post Office Address			
City	MOUNTAIN LAKES	State NJ	ZIP 07046

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ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 7 of 7

Name of Additional Joint Inventor, if any: <input type="checkbox"/> A petition has been filed for this unsigned inventor										
Given Name (first and middle [if any])					Family Name or Surname					
BANCHANA					VIBULBHAN					
Inventor's Signature							Date			
Residence: City		KENILWORTH		State	NJ	Country	U.S.A.		Citizenship	Thailand
Post Office Address		201 NORTH 24TH STREET								
Post Office Address										
City		KENILWORTH		State	NJ	ZIP	07033		Country	U.S.A.
Name of Additional Joint Inventor, if any: <input type="checkbox"/> A petition has been filed for this unsigned inventor										
Given Name (first and middle [if any])					Family Name or Surname					
Inventor's Signature							Date			
Residence: City				State		Country			Citizenship	
Post Office Address										
Post Office Address										
City				State		ZIP			Country	
Name of Additional Joint Inventor, if any: <input type="checkbox"/> A petition has been filed for this unsigned inventor										
Given Name (first and middle [if any])					Family Name or Surname					
Inventor's Signature							Date			
Residence: City				State		Country			Citizenship	
Post Office Address										
Post Office Address										
City				State		ZIP			Country	

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